Electronic A	cknowledgement Receipt				
EFS ID:	4332137				
Application Number:	10711322				
International Application Number:					
Confirmation Number:	5321				
Title of Invention:	Semantic-based transactional support and recovery for nested composite software services Arash Massoudi				
First Named Inventor/Applicant Name:					
Customer Number:	22913				
Filer:	Sara D. Jones				
Filer Authorized By:					
Attorney Docket Number:	16906.4.1				
Receipt Date:	21-NOV-2008				
Filing Date:	10-SEP-2004				
Time Stamp:	17:10:41				
Application Type:	Utility under 35 USC 111(a)				

Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	\$180
RAM confirmation Number	2784
Deposit Account	233178
Authorized User	JONES,SARA D.

 $The \ Director\ of\ the\ USPTO\ is\ hereby\ authorized\ to\ charge\ indicated\ fees\ and\ credit\ any\ overpayment\ as\ follows:$

Charge any Additional Fees required under 37 C.F.R. Section 1.16 (National application filing, search, and examination fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.17 (Patent application and reexamination processing fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.19 (Document supply fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.20 (Post Issuance fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
Information Disclosure Statement (IDS) Filed (SB/08)	16906-4-1-form-sb08a.pdf	117891	no	3	
		04b2016bad88e 36 c 9d7620 c f7d1235058da 79657			
Warnings:	·				
Information:					
This is n ot an U	SPTO supplied IDS fillable form				
2 Information Disclosure Statement Letter	16906-4-1-Supplemental-IDS-	59913	no	2	
		Transmittal.pdf	7e3ba47bd32 d45 dd8 2534 8 f70c3dda7432f fc2c6		
Warnings:	<u>.</u>				
Information:					
3	3 NPL Documents	Fallside-XLM-Schema-Part-0- Primer-W3C- Recommendations.pdf	4240232	no	74
			3b4fc01b6980f4bcabc2d5d59635efd34b72 9f9b		
Warnings:	<u> </u>		,		
Information:		1.2422			
4 NPL Documents	Biron-XLM-Schema-Part-2- Datatypes-W3C-	6832308	no	146	
		Recommendations.pdf	02d33d20143af8878929a6fd632eb33a43d 1e1b3		
Warnings:	·				
Information:					
5	NPL Documents	Ahumuda-Specifying-Fractal- and-GCM-Components-with- UML.pdf	869471	no	10
			ec925a092a7a3d528cba85abf992fa520c4c e4c7		
Warnings:			·		
Information:					
6	6 NPL Documents	Sun-Microsystems-Web-	1629878	no	35
	Services-Made-Easier.pdf	65f3fbede9dabf53e5060f3ad80dbebd697e d5ca			
Warnings:	·				
Information:					
7	7 Fee Worksheet (PTO-06)	fee-info.pdf	29844	no	2
(· 	2bc553ff7ddd9b61e0e47165913db879a43 c6143			
Warnings:					
Information:					
		Total Files Size (in bytes)	137	79537	

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.